

EDUCATION

B.S., Civil Engineering, University of California, Davis, 1979

TRAINING

40-Hour HAZWOPER Workers Health & Safety, 29 CFR Part 1910.120(e)

8-Hour HAZWOPER Site Supervisor 29 CFR Part 1910.120 and CCR 5192

REGISTRATIONS

Professional Civil Engineer, State of California, #38494

PROFESSIONAL SUMMARY

Ms. Cuttino has 20 years experience conducting and managing environmental, engineering, and construction programs. As Earth Tech's Senior Vice President in charge of the Environmental , Remediation and Waste Division's Western Region, Ms. Cuttino manages over 300 people located in eight offices, and \$70 million per year of federal, municipal and commercial business. She serves as Program Manager and Principal-in-Charge for large-scale, interdisciplinary, environmental services contracts supporting the U.S. Air Force and the U.S. Army, and has been responsible for identifying and deploying appropriate technical resources from our nationwide network of offices to project locations worldwide, and for developing and implementing cost-effective, integrated approaches to complex and multifaced environmental management tasks. Ms. Cuttino has successfully managed concurrent task orders with work ongoing at more than 15 installations, responding to dynamic fluctuations in work load and mobilizing multiple interdisciplinary teams to project sites nationwide, while meeting accelerated schedules, controlling program costs, and maintaining technical accuracy and quality in services and deliverables.

- **Environmental Services Worldwide Sites, AFCEE.** Program Manager on Earth Tech's current AFCEE Environmental Services (Environmental Compliance, Pollution Prevention, and Environmental and Land Use Planning) for Worldwide Sites Contract and procedures conflicts to provide environmental, siting, and engineering support to the AFCEE and Space and Missile System Center. As such, she has primary authority for contract negotiations, allocation of resources, and providing overall contract technical direction and scheduling.
- **Architect-Engineer Environmental Services, Western Region Continental United States (CONUS), U.S. Army Corps of Engineers (USACE), Huntsville Division.** Program Manager responsible for providing Title I and Title II services for government facilities, including Department of Defense (DOD) installations, Defense Logistic Agency (DLA) centers, and Federal Aviation Administration properties in the Western Region. Tasks to date include conducting environmental

compliance audits at DLA facilities, and ordnance and explosives waste sampling and preparation of engineering evaluation/cost analysis (EE/CA) reports for Base Realignment and Closure (BRAC) and Formerly Used Defense sites.

- **Cultural Resources Management Services Worldwide, USACE, Fort Worth District.** Responsible for assuring staff commitments, reviewing technical planning and budget projections, and supporting the Program Manager in USACE client and installation interfaces. Currently conducting Cultural Resources Assessments at nine government-owned, contractor operated facilities, including Air Force Plant 42, which has thousands of acres of undeveloped land subject to survey, and prominent programs associated with Cold War-era facilities.
- **BRAC Program, U.S. Air Force.** Program Manager responsible for overall planning, budgeting, scheduling, administration, and technical supervision, including subcontractor management, of environmental analysis and documentation activities in support of disposal and reuse of 15 Air Force bases under Rounds I, II, and III of the BRAC Program. Effort for each base includes development of reuse alternatives, preparation of disposal and reuse environmental impact statement (EIS) and socioeconomic impact analysis studies, and special studies as appropriate, including biological and cultural resources assessments and environmental baseline surveys. Directed completion of 26 Management Action Plans, and follow-on BRAC Cleanup Plans.
- **Socioeconomic Screening Evaluations, U.S. Air Force.** Project Manager for aggressive fast-track environmental and socioeconomic screening evaluations of 106 Air Force, Air National Guard, and Air Force Reserve bases with a 2-week period of performance in support of Base Closure Commission selection of bases to be closed in Round II. Developed analytical methods and significance criteria for environmental Air Force criteria rankings for closure and realignment recommendations. Managed data validation, criteria application, and report preparation activities.
- **EISs for Advanced Technology Development Programs.** Program Manager for preparation of EISs for DODs National Aero-Space Plane (NASP) and Space Nuclear Thermal Propulsion (SNTTP) Programs. Facilitated methodology development between the Air Force, environmental regulatory representatives, and resources specialists to address unique issues, including CONUS-wide sonic boom effects on structures and cultural resources, potential for global ozone depletion, special health and safety concerns, and public sensitivities.
- **Installation Restoration Program (IRP) Studies.** Program Manager for IRP studies at Edwards Air Force Base (AFB), California, and Norton AFB, California. Activities range from the preliminary assessment/site investigation phase to remedial action. Edwards AFB Remedial Investigation (RI) tasks include an assessment of archaeological sites and wildlife habitat, which may be impacted by RI activities, and preparation of an ecological baseline risk assessment.
- **Environmental Site Assessment, Pease AFB.** Program manager for the environmental site assessment of contaminated sites on Pease AFB in support of disposal and reuse.
- **Strategic Planning Committee.** Member of the Strategic Planning Committee to the Air Force Environment, Intercontinental Ballistic Missile, and Aircraft/Mission Realignment Program and

the U.S. Army Space and Strategic Defense Command's environmental documentation, remediation, and engineering studies and technical analysis program.

- **Chief, Environmental Planning and Compliance, Air Force Flight Test Center (AFFTC), Edwards AFB, California.** Was responsible for ensuring environmental compliance and supporting environmental restoration efforts in support of the AFFTC research, test, and evaluation mission. Served as the liaison between the Air Force and all federal, state, and local environmental regulatory authorities in support of meeting environmental requirements. Responsibilities included negotiating compliance agreements, presenting technical reports to regulatory boards and public entities, and signing all documents and reports as required. Frequently consulted with the Environmental Protection Agency (EPA), Fish and Wildlife Service, California Department of Health Services, California Water Quality Control Board, State Historic Preservation Office, and multi-county Air Pollution Control districts.
- **Installation Restoration Program, Edwards AFB.** Program Manager for the IRP, which was established to clean up health-threatening waste sites on Edwards AFB. Served as the Air Force lead negotiator of a National Priorities List Site Federal Facility Agreement among the EPA, the state of California, and the Air Force that establishes objectives, responsibilities, procedures, and schedules for remediation.
- **Chief, Environmental Planning and Compliance, George AFB, California.** Was responsible for all matters relating to environmental, community, and natural resources planning. Supervised eight personnel. Prepared applications to the state of California for diversion of water rights in support of George AFB. Managed the development of an EIS and Water Availability Study to address basin overdraft concerns. Served as the community liaison and project manager for the environmental impact analysis in support of the closure of George AFB.

PROFESSIONAL ORGANIZATIONS

Society of American Military Engineers

EMPLOYMENT HISTORY

1990-present	Earth Tech, Vice President and Technical Director
1989-1990	Edwards Air Force Base, California, Chief, Environmental Planning and Compliance
1981-1989	George Air Force Base, Chief, Environmental Planning and Compliance, Environmental and Contract Programming, Chief, Civil/Architectural Design, Contract Programmer
1981	Wilson So and Associates, Civil Engineer
1978-1981	Inland Engineering Corporation, Civil Engineer

PROFESSIONAL REFERENCES

Col. Tom Gross
HQ AFCEE/EC
8106 Chennault Road
Brooks AFB, Texas 78235-7318
(210) 536-3857

Mr. Ed Dumaine
Detachment 10 SMC/CD
111 E. Mill St.
San Bernardino, California 92408
(909) 382-8251

David Douthat
U.S. Army Engineer Division, Huntsville
Attention CEHND-PM-OT
P.O. Box 1600
Huntsville, Alabama 35807-4301
(205) 895-1580

SECURITY CLEARANCE

Secret

EDUCATION

Evaluated, 90 Credit Hours at various colleges and military experience by New York Regencies
University External Degree Program, 1995
Senior Leadership Training in TQL, July 1993
Graduate, Naval Instructor Training, 4 Sep 1981
Navy Leadership/Management Education and Training, August 1981
Naval Instructor Training/Curriculum Development Course, July 1981
Graduate, Basic EOD School, 22 Jul 1977
Navy EOD Course Phase II, Land/Underwater Ordnance, July 1977
Explosive Ordnance Technologists, 1977, Charles County Community College, La Plata MD
Graduate, Second Class Dive School, Feb 1975
EOD Course Phase I, Chemical/Biological Weapons, July 1976
Graduate, Lake Crystal High School, Lake Crystal, MN 56055

HEALTH AND SAFETY TRAINING

All safety training has been on the job, Mr. Peterson served as Safety Officer at the command level for 8.5 years, managing Command Safety Programs.
Medic First Aid/CPR, June 1997
40-hour OSHA HAZWOPER course (29 CFR 1910.120), June 1997
8-hour OSHA HAZWOPER course, June 1998
8-hour OSHA HAZWOPER Supervisor course June 1998
CPR 1 First Aid current though June 1999

MILITARY EXPERIENCE

May 1996 - May 1997: Operations Officer/COMEODGRU ONE
April 1994 - April 1996: Readiness/Training Officer/COMEODGRU ONE
April 1992 - March 1994: Executive Officer/EODTEU ONE
June 1989 - April 1992: Operational/Readiness Officer/COMEODGRU TWO
November 1985 - June 1989: Officer in Charge/EODGRU TWO DET BERMUDA
November 1983 - October 1985: Curriculum Standards Dept Head/EODTEU ONE
October 1982 - November 1983: Officer in Charge/shipboard unit/EODMU ONE
September 1981 - June 1982: EOD instructor/NAVSCOLEOD
May 1979 - July 1981: Leading Petty Officer/EODGRU TWO DET GTMO BAY CUBA
July 1977 - May 1979: Reported to COMEODGRU TWO from NAVSCOLEOD

PROFESSIONAL SUMMARY

Mr. Peterson has over 22 years of experience in all areas of Explosive Ordnance Disposal (EOD)/Unexploded Ordnance (UXO) clearance and demolition range operations at the field and management levels. He has approximately 2 years of civilian UXO experience in team supervision and program management and 20 years of experience in military EOD programs. Mr. Peterson has 3 years of military field experience as a Senior EOD Technician directly supervising EOD teams and over 5 years of hands on range operations experience performing UXO operations. In addition, 8 of his 14 years as a Master

EOD Technician have been spent directly supervising complex, multi-team EOD/UXO operations from priming the shot to managing complete projects. This experience includes all aspects of planning, logistics supervision, safety, training, and execution of operations with a perfect safety record.

- **OE Technical Director, A-E Environmental Services, Western Region, Corps of Engineers, Huntsville.** Project Manager for the Salton Sea Delivery Order and responsible for managing the OE program and providing OE technical and contractual support to project managers on delivery orders under this contract.
- **BioGenesis Pacific Inc. (BPI):** Mr. Peterson was hired to develop, organize, and manage a UXO capability for BPI for the purpose of conducting UXO operations in support of a USAF bombing range clearance operation. This contract was completed on time and with a 4.0 USAF approval rating, on a 4.0 scale. This project required the surface clearance of 2,600 acres of bombing range target area. During this clearance over 15,000 dud ordnance items were safely disposed of on site, and over 500 tons of ordnance/target scrap was gathered, inspected, certified safe to ship, and removed from the range. Mr. Peterson conducted this project with a team of 8 UXO personnel, 2 Equipment Operators, 16 Range Technicians, and 1 on site field Office Manager.
- **Human Factors Applications, Inc.** As a UXO Team Leader, conducted UXO remediation of several former ordnance impact areas for the U.S. Navy at NAS Miramar to clear the way for the construction of new facilities. This project included surface and subsurface remediation action.
- **Lockheed Martin Idaho Tech Co.** As UXO Team Leader, Mr. Peterson was responsible for the health and safety of a six-person team engaged in UXO remediation of several former explosive test sites located at the Idaho National Engineering laboratory. Using a systematic grid layout with visual and geophysical searches, live UXO rounds and several hundred pounds of bulk high explosives were safely removed.
- Ten years as enlisted and 15 years as a Naval Officer achieving the rank of Lieutenant Commander. Twenty years were spent working in the EOD field in a wide variety of positions, including Team Member, Demolition Range Safety Supervisor, Diving Supervisor, Free Fall Jump Master and Instructor, EOD Instructor for U.S. and foreign students, Officer in Charge of Shipboard and Shore Detachments, Quality Control and Safety Officer for all east coast EOD assets, Executive Officer of an EOD Training Unit, and Quality Control and Operations Officer for all west coast EOD assets.
- Responsible for logistics and transportation of personnel, material, and equipment including explosives, fuels, vehicles, and boats throughout the U.S. and remote overseas locations to conduct EOD/UXO operations during fleet wide exercises and contractor job sites.
- Responsible for the planning, execution, and control of all Pacific Fleet EOD/UXO range activity including detection, clearance, disposal, and training for operations and fleet wide exercises.
- Directly managed/supervised large numbers of personnel and multiple subordinate commands assigned to both Atlantic and Pacific Fleet EOD forces.
- Mr. Peterson has had years of experience managing Command Safety Programs, including Explosive Safety and Quality Control Programs used to monitor EOD/UXO training and operations at the Command and Group levels.

- Five years of direct explosive allowance management, magazine management, and transportation and storage of UXO recovered during off base UXO responses.
- **Explosive Ordnance Disposal Group ONE.** As Assistant Chief inspector, Mr. Peterson was directly responsible for the administration of Pacific Fleet EOD Training/Readiness and Administrative Quality Control programs. As Officer in Charge of eight Quality Control Evaluators, he monitored the Readiness/Training and administrative effectiveness of eight subordinate commands and their detachments in the following areas: Command Safety Program, Hazardous Material Handling/Stowage Program, Ammunition/Explosives Handling and Certification Program, Personnel/Physical Security Programs. At the completion of each review, Mr. Peterson would draft a formal report to COMEODGRU ONE outlining the findings, and recommend a course of action to correct any deficiencies found. He also coordinated and facilitated all of the Commanders' staff level meetings and the Chief of Naval Operations-sponsored Executive Steering Committee meetings.
- **Explosive Ordnance Disposal Training and Evaluation ONE.** As the Executive Officer, Mr. Peterson was responsible for all command administrative functions, financial/materiel management of over \$3.5m in funds equipment annually, and management of 52 personnel. He was Director of the commands' NAVOSH and Explosive Safety programs, passing all fleet level and navy wide inspections with a perfect score. Directly responsible for the Quality Control of all Pacific Fleet advanced training during his tour, including 1,484 diving operations, 74 demolition operations using live explosives, and 1,843 premeditated parachute jumps, with a perfect safety record, while providing advanced EOD training to 34 (seven man) EOD Detachments. Managed the implementation of a High Risk Safety Training Program, greatly improving the safety factor for students and instructors.
- **Explosive Ordnance Disposal Group TWO.** Mr. Peterson, as the Quality Control Advisor to the Commander, directed operations involving the location, neutralization, render safe, and exploitation of U.S. and foreign nuclear, chemical, conventional ordnance, demolition, dive, and parachute operations for the propose of evaluating the ability of Atlantic Fleet EOD units to safely and successfully conduct EOD/UXO range operations. He also developed special chemical weapons briefings for all Atlantic Fleet EOD personnel preparing for EOD/UXO operations during Desert Shield, and was responsible for developing numerous underwater ordnance clean up contingency plans for strategic harbors in support of Desert Storm. Served as EODGRU TWO Atlantic Fleet Safety Officer. During his tour, EODGRU TWO and all subordinate commands had perfect safety records and passed all NAVOSH inspections with zero discrepancies.
- **Explosive Ordnance Disposal Group TWO Detachment Bermuda.** Provided emergency and routine diving, demolition, and UXO render safe services to NATO military forces. As detachment Safety Officer, Mr. Peterson developed, implemented, and managed a NAVOSH program involving surface and underwater explosive operations, diving operations, air operations, small arms training, and ammunition and explosives use. Served as Detachment Dive and Demolition Supervisor. Conducted monthly demolition operations for the Bermuda Regiment and the U.S. Marine Corps Marine Barracks Company and provided the same units advanced demolition training.
- **World War II UXO Recover Project for the U.S. Trust Territories.** Mr. Peterson, as Officer in Charge, developed Standard Operating Procedures that enabled personnel to remove over 4 tons of Japanese WWII UXO from various Southern Pacific Islands. This was extremely dangerous as 80 percent of the ordnance was armed or was exuding picric acid. This project was completed under very remote conditions without incident. Served as Detachment Dive and Demolition Range Control Officer.

- **Makua Impact Area Target Renovation and Demolition Operations Project.** As Demolition Range Control Officer, Mr. Peterson was responsible for all operations on the range including transport of personnel, equipment, and explosives to and from the impact area, training of all personnel on the range, control of all demolition operations on the range, and responsible for over all safety of the operation. The project consisted of conducting UXO recovery and routine demolition operations monthly at Makua impact area to maintain impact target area sanitation and conducting command demolition operations for training purposes and for the disposal of retrograde ordnance.
- **Special Operations Project NORPAC Operations.** Mr. Peterson and his detachment were hand selected for this, at the time, highly classified project due to the detachment's outstanding reputation and their above average physical conditioning. This project required that Mr. Peterson's detachment be ready to launch its boat on 5 minutes notification 24 hours a day in extremely hazardous conditions in the Northern Pacific and Arctic Oceans. The detachment conducted several launches and recoveries in heavy seas without incident to personnel or equipment. They also recovered several free-floating objects from the ocean that were very beneficial to the United States' intelligence community.
- **Naval School Explosive Ordnance Disposal.** In this position, Mr. Peterson served as a Basic EOD Instructor responsible for classroom and practical instruction in aircraft hazards (cads, carts, injection seats), bombs and bomb fuses, (foreign and domestic), and missiles (foreign and domestic). Directed classes of 25 personnel in classroom instruction and field operations and was directly responsible for their safety while on the range using explosive render safe procedures during practical exercises.
- **Explosive Ordnance Disposal Group TWO Detachment, Guantanamo Bay, Cuba.** During this tour, Mr. Peterson was responsible for unit training, demolition, and range recovery operations. He was directly responsible for the destruction of over 39 tons of live anti-tank and anti-personnel mines during mine field maintenance operations, and 120 tons of UXO during maintenance and upkeep operations on 7 major ordnance impact areas. As demolition supervisor, he was responsible for the direction of all range operations at the detachment and supervision of three EOD personnel and up to ten minefield maintenance personnel from the Marine Corps at a given time. Mr. Peterson was also the detachment's Ammunition and Explosive Manager, responsible for the safe stowage, transportation, and security of all ammunition, explosives, and retrograde ordnance.
- **GTMO 20mm Ammunition Range Remediation Project.** Mr. Peterson acted as the Range Control Officer and was responsible for remediation of the 20-millimeter (mm) demolition range at GTMO. During the course of this project, over 50,000 rounds of live 20mm ammunition were recovered from a 5-acre area and safely disposed of without incident.
- **GTMO Hazardous Material Neutralization Project.** Mr. Peterson acted as Safety Officer during the neutralization of 2,300 pounds of industrial chemicals. The operation was meticulously planned and conducted safely without incident.
- **GTMO Anti Tank Armed Fuze Removal Project.** As Range Safety Officer and Project Manager, Mr. Peterson developed a procedure that would allow the remote removal of 25 armed anti-tank fuzes via a modified tape and line procedure. The removal was at the request of an Explosive Safety Review Board. After removal, the fuzes were tested for deterioration because of prolonged field application in the mine fields at the Guantanamo Naval Base. This project was initiated after a fuze that was armed for many years detonated as it was turned to the safe position by Mine Field Maintenance Personnel. This project was completed without incident.

- **Dam Neck Lake Clearance Project.** EOD Team Leader and Project Explosive Manager, responsible for the safe stowage, transportation, and security of explosives, and retrograde ordnance. 10,000 ordnance items were safely removed, stored, and later properly destroyed.

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EDUCATION

B.S., Geology, Colorado State University, Fort Collins, 1985

TRAINING

EMS First Aid and CPR Training
NEPA Executive Overview Workshop
OSHA 8-Hour HAZWOPER Refresher Course
OSHA 40-Hour HAZWOPER Training Course
OSHA 8-Hour HAZWOPER Supervisor Training Course

PROFESSIONAL SUMMARY

Mr. Weith has over 10 years of experience in the investigation of all phases of unexploded ordnance/ordnance and explosives (UXO/OE) sites, geophysical surveys, geotechnical surveys, groundwater studies, and hazardous waste sites. He has been responsible for project planning, field implementation, supervision of personnel, quality control, and evaluation of field data for various projects throughout the western United States. For the past 4 years, he has worked continuously on various programs for the U.S. Army Corps of Engineers (USACE), including UXO/OE engineering evaluation/cost analysis (EE/CA) investigations for the Former Buckley Bombing Range, Former Baywood Park Training Area and the Umatilla Chemical Depot Ammunition Demolition Activity Area, project manager for hazardous waste site investigations at the Defense Distribution Depot, Atchison Facility and the Defense Distribution Depot, Ogden. He has been involved with the Air Force Base Realignment and Closure (BRAC) program for 3 years as the Principal Investigator for all issues relating to geology and hydrology. For the past 10 years, he has been involved with geophysical, geotechnical and hydrological surveys of various sites. His broad background of experience has allowed him to gain a working knowledge of all phases of a variety of subsurface investigations and several sets of state and local regulations. The following is an overview of relevant project management experience.

- **Former Benicia Arsenal, Benicia, California.** Project manager for an EE/CA investigation to assess the risk UXO may present to the public. The project has high visibility with the public and an aggressive schedule to meet critical milestones for planned residential development on a portion of the property. The EE/CA investigation included developing a work plan, field investigation, coordinating with local residents, businessmen, and local governmental agencies, and producing a final EE/CA report that will document the findings of the field investigation, evaluate alternatives, and provide recommendations for risk management actions.
- **Former Buckley Bombing Range, Colorado.** Project Manager for an EE/CA investigation of the Former Buckley Bombing Range to assess the risk UXO may present to the public. The project had high visibility with the public and an aggressive schedule to meet critical milestones agreed upon between the state of Colorado and the USACE. The EE/CA investigation was phased between three investigative zones that were based on public need with multiple tasks to be accomplished within each zone. The project faced many technical challenges that had to be addressed in order to meet the critical milestones.
- **Defense Distribution Depot Ogden, Utah.** Project Manager for a hazardous waste site investigation. Several aboveground and underground storage tanks were investigated for possible leaks and releases of hazardous materials into the surrounding environment. The project included

preparation of a Work Plan, Sampling Analysis Plan, and Quality Control Plan, field investigation of the sites, and preparation of an engineering report presenting the results of the investigation.

- **Defense Distribution Depot Oklahoma City, Oklahoma – Atchison Facility, Kansas.** Project Manager for a hazardous waste site investigation. The facility consisted of two large caves and outside support facilities that were used for the storage of various surplus items for Department of Defense. The project included preparation of a Work Plan, Sampling Analysis Plan, and Quality Control Plan, field investigation of the sites, and preparation of an engineering report presenting the results of the investigation. The project presented unique challenges because of the accessibility problems the caves presented for sampling equipment.
- **Former Baywood Park Training Area, California.** Deputy Manager for an EE/CA investigation of the Former Baywood Park Training Area to assess the risk UXO may present to the public. As deputy manager for the site, Mr. Weith was responsible for assisting the project manager in producing the work plan, managing field operations, tracking data, and producing the EE/CA report. The project presented several challenges concerning the protection of cultural and biological resources within the investigative area.
- **Closure of Abandoned Wells at Former Norton AFB, California.** Project Manager for overseeing the proper closure of historic agricultural wells, base production wells, and homestead wells at the Former Norton AFB. The project involved locating, abandoning, and documenting the closure of nearly 60 wells on the base. The process included overdrilling and/or drilling out the inside of old abandoned wells at the base. Once the fieldwork was complete, detailed records of closure procedures were filed with the state and presented in a report.

EMPLOYMENT HISTORY

1994-present	Earth Tech, Project Geologist II
1989-1994	GeoSoils, Inc., Staff Geologist

CITIZENSHIP

United States